

SEQUENCE LISTING

<110> Tokuzumi, Tsuyoshi
Iida, Akihiro
Hasegawa, Mamoru
Nagai, Yoshiyuki

<120> Paramyxovirus vectors used for transfer
of foreign genes

<130> 50026/025001

<150> JP2000-152726

<151> 2000-05-18

<160> 32

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 41

<212> DNA

<213> Artificial Sequence

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<223> Artificially synthesized sequence derived from the
Sendai virus

<400> 1

ccaccgacca caccagcgg ccgcgacagc cagggttcg g

41

<210> 2

<211> 41

<212> DNA

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Sendai virus

<400> 2

ccgaagccgt ggctgtcgcg gccgctgggt gtggtcggtg g

41

<210> 3

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificially synthesized sequence derived from the

007E07" 88420260

001207" 86420460

Sendai virus

<400> 3
gaaatttcac ctaagcggcc gcaatggcag atatctatag 40

<210> 4
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
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Sendai virus

<400> 4
ctatagatat ctgccattgc ggccgcttag gtgaaatttc 40

<210> 5
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
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Sendai virus

<400> 5
gggataaagt cccttgccgc cgcttggttg caaaactctc ccc 43

<210> 6
<211> 43
<212> DNA
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Sendai virus

<400> 6
ggggagagtt ttgcaaccaa gcggccgcaa gggactttat ccc 43

<210> 7
<211> 47
<212> DNA
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<400> 7

00702498-103100

ggtcgcgcgg tacttttagcg gccgcctcaa acaagcacag atcatgg

47

<210> 8

<211> 47

<212> DNA

<213> Artificial Sequence

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Sendai virus

<400> 8

ccatgatctg tgcttggttg aggcggccgc taaagtaccg cgcgacc

47

<210> 9

<211> 44

<212> DNA

<213> Artificial Sequence

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Sendai virus

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cctgcccatac catgacctag cggccgcttc ccattcaccc tggg

44

<210> 10

<211> 44

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificially synthesized sequence derived from the
Sendai virus

<400> 10

cccagggtga atgggaagcg gccgctaggt catggatggg cagg

44

<210> 11

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificially synthesized sequence derived from
human secreted alkaline phosphatase

<400> 11

gcggcgcgcc atgctgctgc tgctgctgt gcgggcctg

40

<210> 12

001E01" 85420260

<211> 40
<212> DNA
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<220>
<223> Artificially synthesized sequence derived from
human secreted alkaline phosphatase

<400> 12
gcggcgcgcc cttatcatgt ctgctcgaag cggccggcgg 40

<210> 13
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
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multicloning site

<400> 13
gcggcgcgct ttaaaccggcg cgccatttaa atccgtagta agaaaaactt agggtgaaag 60
ttcatcgcgg ccgc 74

<210> 14
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized sequence containing a
multicloning site

<400> 14
gcggcgcgca tgaactttca cctaagttt ttcttactac ggatttaaatt ggcgcgccgt 60
ttaaaccggg ccgc 74

<210> 15
<211> 40
<212> DNA
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<220>
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directed mutagenesis of the Sendai virus

<400> 15
ggagaagtct caacaccgtc caccgaagat aatcgatcag 40

<210> 16
<211> 40

<212> DNA

<213> Artificial Sequence

<220>

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<400> 16

ctgatcgatt atcttgggtg gacggtgttg agacttctcc

40

<210> 17

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificially synthesized sequence for use in site directed mutagenesis of the Sendai virus

<400> 17

gtatatgtgt tcagttgagc ttgctgtcgg tctaaggc

38

<210> 18

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificially synthesized sequence for use in site directed mutagenesis of the Sendai virus

<400> 18

gccttagacc gacagcaagc tcaactgaac acatatac

38

<210> 19

<211> 45

<212> DNA

<213> Artificial Sequence

<220>

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<400> 19

caatgaactc tctagagagg ctggagtcac taaagagtta cctgg

45

<210> 20

<211> 45

<212> DNA

<213> Artificial Sequence

001E0T" 86420/60

<220>

<223> Artificially synthesized sequence for use in site directed mutagenesis of the Sendai virus

<400> 20

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45

<210> 21

<211> 52

<212> DNA

<213> Artificial Sequence

<220>

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<400> 21

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52

<210> 22

<211> 52

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificially synthesized sequence for use in site directed mutagenesis of the Sendai virus

<400> 22

cgggtgggggtt ggggtgtggcc tcgagtgagc cgatcgggtgg atgaactttc ac

52

<210> 23

<211> 47

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificially synthesized sequence for use in site directed mutagenesis of the Sendai virus

<400> 23

cttaggggtga aagaaatttc agctagsacg gcgcaatggc agatatc

47

<210> 24

<211> 47

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificially synthesized sequence for use in site directed mutagenesis of the Sendai virus

001501" 86420260

<400> 24
gatatctgcc attgcgccgt gctagctgaa atttctttca ccctaag 47

<210> 25
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
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directed mutagenesis of the Sendai virus

<400> 25
cttagggata aagtcccttg tgcgcgcttg gttgcaaaac tctcccc 47

<210> 26
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
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directed mutagenesis of the Sendai virus

<400> 26
ggggagagtt ttgcaaccaa gcgcgcacaa gggactttat ccctaag 47

<210> 27
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
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directed mutagenesis of the Sendai virus

<400> 27
ggtcgcgcgg tacttttagtc gacacctcaa acaagcacag atcatgg 47

<210> 28
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized sequence for use in site
directed mutagenesis of the Sendai virus

<400> 28
ccatgatctg tgcttggttg aggtgtcgac taaagtaccg cgcgacc 47

<210> 29
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
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directed mutagenesis of the Sendai virus

<400> 29
cccagggtga atgggaaggg ccggccaggt catggatggg caggagtcc 49

<210> 30
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
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directed mutagenesis of the Sendai virus

<400> 30
ggactcctgc ccatccatga cctggccggc ccttcccatt caccctggg 49

<210> 31
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized sequence containing a
multicloning site, a transcription start signal,
and stop signal

<400> 31
ggcgcgttaa ttaacggttt aaacgcgcgc caacagtgtt gataagaaaa acttaggggtg 60
aaagttcatc ac 72

<210> 32
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized sequence containing a
multicloning site, a transcription start signal,
and stop signal

<400> 32
ggcgcgtgatg aactttcacc ctaagttttt cttatcaaca ctggtggcgc gcgtttaaac 60
cgtaattaa gc 72